

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To:

KONINKLIJKE KPN N.V.  
P.O. Box 95321  
NL-2509 CH Den Haag  
NETHERLANDS

Date of mailing  
(day/month/year)

01/09/1999

Applicant's or agent's file reference

402492W0

**FOR FURTHER ACTION**

See paragraphs 1 and 4 below

International application No.

PCT/IB 99/ 00702

International filing date  
(day/month/year)

10/03/1999

Applicant

KONINKLIJKE KPN N.V. et al.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

**For more detailed instructions,** see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Johannes Ligtoet

## NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

##### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

## NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:  
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:  
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:  
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or  
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:  
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

### "Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

**It must be in the language in which the international application is to be published.**

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

### **Consequence if a demand for international preliminary examination has already been filed**

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

### **Consequence with regard to translation of the international application for entry into the national phase**

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>402492W0</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB 99/ 00702</b>	International filing date (day/month/year) <b>10/03/1999</b>	(Earliest) Priority Date (day/month/year) <b>10/03/1998</b>
Applicant <b>KONINKLIJKE KPN N.V. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

3

☐ None of the figures.

# PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum) 402492WO	

<b>Box No. I TITLE OF INVENTION</b> Method and system for transferring data	
<b>Box No. II APPLICANT</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p><i>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i></p> <p>Koninklijke KPN N.V. Stationsplein 7 9726 AE GRONINGEN The Netherlands</p> </div> <div style="width: 25%;"> <p><input type="checkbox"/> This person is also inventor.</p> <p>Telephone No. +31 70 3323678</p> <p>Facsimile No. +31 70 3323840</p> <p>Teleprinter No.</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <p>State (that is, country) of nationality: NL</p> <p>State (that is, country) of residence: NL</p> </div> <p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p>	
<b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p><i>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i></p> <p>PIETERSE Rob Verbenalaan 1 2111 ZL AERDENHOUT</p> </div> <div style="width: 25%;"> <p>This person is:</p> <p><input type="checkbox"/> applicant only</p> <p><input checked="" type="checkbox"/> applicant and inventor</p> <p><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <p>State (that is, country) of nationality: NL</p> <p>State (that is, country) of residence: NL</p> </div> <p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p> <p><input type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.</p>	
<b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b> <p>The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p><i>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)</i></p> <p>KLEIN Bart Koninklijke KPN N.V. P.O. Box 95321 2509 CH THE HAGUE The Netherlands</p> </div> <div style="width: 25%;"> <p>Telephone No. +31 70 3323678</p> <p>Facsimile No. +31 70 3323840</p> <p>Teleprinter No.</p> </div> </div> <p><input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.</p>	

## Continuation of Box No. III. FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

If none of the following sub-boxes is used, this sheet should not be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

DE LEEUW  
Edo Mark Alexander  
Asterstraat 31  
3551 SW UTRECHT  
The Netherlands

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

VAN DER PUT  
Ronald Robertus Gerardus Laurentius  
Hoekmanstraat 26  
1315 JN ALMERE  
The Netherlands

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

NL

State (that is, country) of residence:

NL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

**Box No.V DESIGNATION OF STATES**

The following designations are made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

**Regional Patent**

- ☒ **AP** ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) . . . . .

**National Patent (if other kind of protection or treatment desired, specify on dotted line):**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> <b>AL</b> Albania . . . . .                               | <input checked="" type="checkbox"/> <b>LS</b> Lesotho . . . . .                                   |
| <input checked="" type="checkbox"/> <b>AM</b> Armenia . . . . .                               | <input checked="" type="checkbox"/> <b>LT</b> Lithuania . . . . .                                 |
| <input checked="" type="checkbox"/> <b>AT</b> Austria . . . . .                               | <input checked="" type="checkbox"/> <b>LU</b> Luxembourg . . . . .                                |
| <input checked="" type="checkbox"/> <b>AU</b> Australia . . . . .                             | <input checked="" type="checkbox"/> <b>LV</b> Latvia . . . . .                                    |
| <input checked="" type="checkbox"/> <b>AZ</b> Azerbaijan . . . . .                            | <input checked="" type="checkbox"/> <b>MD</b> Republic of Moldova . . . . .                       |
| <input checked="" type="checkbox"/> <b>BA</b> Bosnia and Herzegovina . . . . .                | <input checked="" type="checkbox"/> <b>MG</b> Madagascar . . . . .                                |
| <input checked="" type="checkbox"/> <b>BB</b> Barbados . . . . .                              | <input checked="" type="checkbox"/> <b>MK</b> The former Yugoslav Republic of Macedonia . . . . . |
| <input checked="" type="checkbox"/> <b>BG</b> Bulgaria . . . . .                              |   |
| <input checked="" type="checkbox"/> <b>BR</b> Brazil . . . . .                                | <input checked="" type="checkbox"/> <b>MN</b> Mongolia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>BY</b> Belarus . . . . .                               | <input checked="" type="checkbox"/> <b>MW</b> Malawi . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CA</b> Canada . . . . .                                | <input checked="" type="checkbox"/> <b>MX</b> Mexico . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CH and LI</b> Switzerland and Liechtenstein . . . . .  | <input checked="" type="checkbox"/> <b>NO</b> Norway . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CN</b> China . . . . .                                 | <input checked="" type="checkbox"/> <b>NZ</b> New Zealand . . . . .                               |
| <input checked="" type="checkbox"/> <b>CU</b> Cuba . . . . .                                  | <input checked="" type="checkbox"/> <b>PL</b> Poland . . . . .                                    |
| <input checked="" type="checkbox"/> <b>CZ</b> Czech Republic . . . . .                        | <input checked="" type="checkbox"/> <b>PT</b> Portugal . . . . .                                  |
| <input checked="" type="checkbox"/> <b>DE</b> Germany . . . . .                               | <input checked="" type="checkbox"/> <b>RO</b> Romania . . . . .                                   |
| <input checked="" type="checkbox"/> <b>DK</b> Denmark . . . . .                               | <input checked="" type="checkbox"/> <b>RU</b> Russian Federation . . . . .                        |
| <input checked="" type="checkbox"/> <b>EE</b> Estonia . . . . .                               | <input checked="" type="checkbox"/> <b>SD</b> Sudan . . . . .                                     |
| <input checked="" type="checkbox"/> <b>ES</b> Spain . . . . .                                 | <input checked="" type="checkbox"/> <b>SE</b> Sweden . . . . .                                    |
| <input checked="" type="checkbox"/> <b>FI</b> Finland . . . . .                               | <input checked="" type="checkbox"/> <b>SG</b> Singapore . . . . .                                 |
| <input checked="" type="checkbox"/> <b>GB</b> United Kingdom . . . . .                        | <input checked="" type="checkbox"/> <b>SI</b> Slovenia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>GD</b> Grenada . . . . .                               | <input checked="" type="checkbox"/> <b>SK</b> Slovakia . . . . .                                  |
| <input checked="" type="checkbox"/> <b>GE</b> Georgia . . . . .                               | <input checked="" type="checkbox"/> <b>SL</b> Sierra Leone . . . . .                              |
| <input checked="" type="checkbox"/> <b>GH</b> Ghana . . . . .                                 | <input checked="" type="checkbox"/> <b>TJ</b> Tajikistan . . . . .                                |
| <input checked="" type="checkbox"/> <b>GM</b> Gambia . . . . .                                | <input checked="" type="checkbox"/> <b>TM</b> Turkmenistan . . . . .                              |
| <input checked="" type="checkbox"/> <b>HR</b> Croatia . . . . .                               | <input checked="" type="checkbox"/> <b>TR</b> Turkey . . . . .                                    |
| <input checked="" type="checkbox"/> <b>HU</b> Hungary . . . . .                               | <input checked="" type="checkbox"/> <b>TT</b> Trinidad and Tobago . . . . .                       |
| <input checked="" type="checkbox"/> <b>ID</b> Indonesia . . . . .                             | <input checked="" type="checkbox"/> <b>UA</b> Ukraine . . . . .                                   |
| <input checked="" type="checkbox"/> <b>IL</b> Israel . . . . .                                | <input checked="" type="checkbox"/> <b>UG</b> Uganda . . . . .                                    |
| <input checked="" type="checkbox"/> <b>IN</b> India . . . . .                                 | <input checked="" type="checkbox"/> <b>US</b> United States of America . . . . .                  |
| <input checked="" type="checkbox"/> <b>IS</b> Iceland . . . . .                               |   |
| <input checked="" type="checkbox"/> <b>JP</b> Japan . . . . .                                 | <input checked="" type="checkbox"/> <b>UZ</b> Uzbekistan . . . . .                                |
| <input checked="" type="checkbox"/> <b>KE</b> Kenya . . . . .                                 | <input checked="" type="checkbox"/> <b>VN</b> Viet Nam . . . . .                                  |
| <input checked="" type="checkbox"/> <b>KG</b> Kyrgyzstan . . . . .                            | <input checked="" type="checkbox"/> <b>YU</b> Yugoslavia . . . . .                                |
| <input checked="" type="checkbox"/> <b>KP</b> Democratic People's Republic of Korea . . . . . | <input checked="" type="checkbox"/> <b>ZW</b> Zimbabwe . . . . .                                  |
| <input checked="" type="checkbox"/> <b>KR</b> Republic of Korea . . . . .                     |   |
| <input checked="" type="checkbox"/> <b>KZ</b> Kazakhstan . . . . .                            |   |
| <input checked="" type="checkbox"/> <b>LC</b> Saint Lucia . . . . .                           |   |
| <input checked="" type="checkbox"/> <b>LK</b> Sri Lanka . . . . .                             |   |
| <input checked="" type="checkbox"/> <b>LR</b> Liberia . . . . .                               |   |

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

- ☐ . . . . .
- ☐ . . . . .
- ☐ . . . . .

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

## Box No. VI PRIORITY CLAIM

☐ Further priority claims are indicated in the Supplemental Box.

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application: regional Office	international application: receiving Office
item (1) 10.03.98 10 March 1998	1008548	NL		
item (2)				
item (3)				

☐ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s):

\* Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.

## Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA)  
(if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA /

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

## Box No. VIII CHECK LIST; LANGUAGE OF FILING

This international application contains the following number of sheets:

request : 7  
description (excluding sequence listing part) : 10  
claims : 2  
abstract : 1  
drawings : 2  
sequence listing part of description :  
Total number of sheets : 22

This international application is accompanied by the item(s) marked below:

1. ☒ fee calculation sheet
2. ☐ separate signed power of attorney
3. ☒ copy of general power of attorney; reference number, if any:
4. ☐ statement explaining lack of signature
5. ☒ priority document(s) identified in Box No. VI as item(s): will follow
6. ☐ translation of international application into (language):
7. ☐ separate indications concerning deposited microorganism or other biological material
8. ☐ nucleotide and/or amino acid sequence listing in computer readable form
9. ☐ other (specify): search report

Figure of the drawings which should accompany the abstract: 3

Language of filing of the international application:

## Box No. IX SIGNATURE OF APPLICANT OR AGENT

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).



KLEIN Bart

Professional representative

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA /	
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.	

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

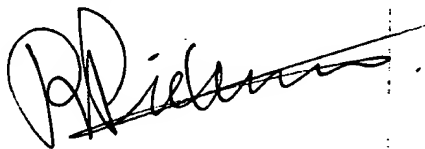


## Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) If more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
  - (ii) If, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
  - (iii) If, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
  - (iv) If, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
  - (v) If, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
  - (vi) If, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
  - (vii) If, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

PIETERSE Rob



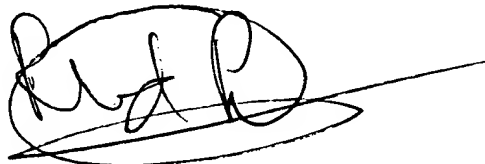
## Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

1. If, in any of the Boxes, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
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  - (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
  - (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
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  - (vii) if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed.
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3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

VAN DER PUT Roland Robertus Gerardus Laurentius

\*



SEARCHED	INDEXED
SERIALIZED	FILED
JUL 1998	
PCT/RO/101	

**Supplemental Box** If the Supplemental Box is not used, this sheet should not be included in the request.

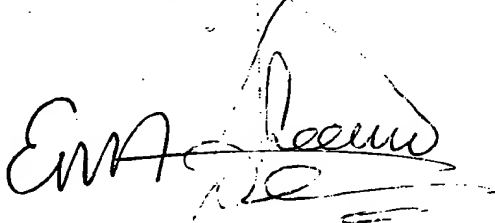
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2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudicial disclosures or exceptions to lack of novelty" and furnish that statement below.

DE LEEUW Edo Mark Alexander

→ \* 

# PCT

## FEE CALCULATION SHEET Annex to the Request

For receiving Office use only

International application No.

Date stamp of the receiving Office

Applicant's or agent's  
file reference

402492WO

Applicant

Koninklijke KPN N.V.

### CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE

DEM 200,- T

2. SEARCH FEE

DEM 2200,- S

International search to be carried out by

(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

Basic Fee

The international application contains \_\_\_\_\_ sheets.

first 30 sheets

DEM 800,- b1

\_\_\_\_\_ x \_\_\_\_\_

remaining sheets additional amount

= \_\_\_\_\_ b2

Add amounts entered at b1 and b2 and enter total at B

DEM 800,- B

Designation Fees

The international application contains 76 designations.

11  
number of designation fees  
payable (maximum 10)

x 184  
amount of designation fee

= DEM 2024,- D

Add amounts entered at B and D and enter total at I

(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

DEM 2824,- I

4. FEE FOR PRIORITY DOCUMENT (if applicable)

P

5. TOTAL FEES PAYABLE

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

DEM 5224  
TOTAL

☐ The designation fees are not paid at this time.

### MODE OF PAYMENT

☒ authorization to charge  
deposit account (see below)

☐ bank draft

☐ coupons

☐ cheque

☐ cash

☐ other (specify):

☐ postal money order

☐ revenue stamps

### DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices)

The RO EP ☒ is hereby authorized to charge the total fees indicated above to my deposit account.

☒ (this check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.

☒ is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account.

Klein Bart

28000011  
Deposit Account No.

10-03-1999  
10 March 1999  
Date (day/month/year)

Signature

# PATENT COOPERATION TREATY

## PCT

### NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents  
United States Patent and Trademark  
Office  
Box PCT  
Washington, D.C.20231  
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year)

02 November 1999 (02.11.99)

International application No.

PCT/IB99/00702

Applicant's or agent's file reference

402492WO

International filing date (day/month/year)

10 March 1999 (10.03.99)

Priority date (day/month/year)

10 March 1998 (10.03.98)

Applicant

PIETERSE, Rob et al

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

28 September 1999 (28.09.99)



in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was



was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Juan Cruz

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

PCT

ACKNOWLEDGEMENT OF RECEIPT OF  
DOCUMENTS FILED WITH THE  
INTERNATIONAL BUREAU  
AS RECEIVING OFFICE

To:

KLEIN, Bart  
Koninklijke KPN N.V.  
P.O. Box 95321  
NL-2509 CH The Hague  
PAYS-BASDate of mailing  
(day/month/year)

20 April 1999 (20.04.99)

Facsimile No.: +31 70 332 38 40

Applicant's or agent's file reference

402492WO

IMPORTANT COMMUNICATION

International application No.

PCT/IB99/00702

Date of receipt (day/month/year)

10 March 1999 (10.03.99)

Applicant

KONINKLIJKE KPN N.V.

Title of the invention

METHOD AND SYSTEM FOR TRANSFERRING DATA

1. The International Bureau has received the documents/elements listed below on: 16 April 1999 (16.04.99)  
from RO/EP (Rule 19.4(a)(ii))

- ☒ PCT Request (7 pages)  
☒ description (excluding sequence listing part) (10 pages)  
☒ claims (2 pages)  
☒ abstract (1 page)  
☒ drawings (2 pages)  
☐ sequence listing part of description  
☐ fee calculation sheet  
☐ separate authorization to charge deposit account  
☐ cheque  
☐ cash (in person only)  
☐ power(s) of attorney  
☐ statement(s) explaining lack of signature  
☐ priority document  
☐ separate indications concerning deposited micro-organism or other biological material  
☐ nucleotide and/or amino acid sequence listing on diskette  
☐ statement(s) accompanying diskette(s) containing sequence listing  
☐ accompanying letter  
☐ form PCT/RO/198 (RO/IB)  
☒ other (specify): - Search report (1)

The applicant's attention is drawn to the fact that these papers have not yet been checked by this receiving Office in respect of their compliance with the requirements of Article 11(1), that is, whether these papers meet the requirements necessary for the according of an international filing date. As soon as these papers have been checked, the applicant will be informed accordingly.

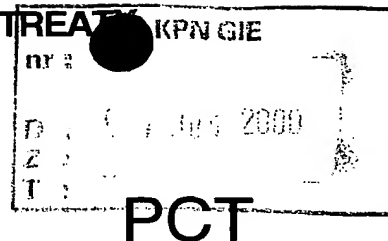
2. Additional observations (if necessary):

Name and mailing address of the receiving Office

International Bureau of WIPO  
PCT Receiving Office Section  
34, chemin des Colombettes, 1211 Geneva 20, Switzerland  
Facsimile No. (41-22) 910 06 10 (Groups 3 and 4)

Authorized officer

*Ann*  
Agnes Wittmann-Regis  
Telephone No. (41-22) 338 90 33



From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

KLEIN, Bart  
KONINKLIJKE KPN N.V.  
P.O. Box 95321  
NL-2509 CH Den Haag  
PAYS-BAS

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT  
(PCT Rule 71.1)

Date of mailing  
(day/month/year) 02.06.2000

Applicant's or agent's file reference  
402492WO

**IMPORTANT NOTIFICATION**

International application No.  
PCT/IB99/00702

International filing date (day/month/year)  
10/03/1999

Priority date (day/month/year)  
10/03/1998

Applicant  
KONINKLIJKE KPN N.V. et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

**4. REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

European Patent Office  
D-80298 Munich  
Tel. +49 89 2399 - 0 Tx: 523656 epmu d  
Fax: +49 89 2399 - 4465

Authorized officer

Pelatti, V

Tel. +49 89 2399-7309



## PCT

PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 402492WO	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/IB99/00702	International filing date (day/month/year) 10/03/1999	Priority date (day/month/year) 10/03/1998
International Patent Classification (IPC) or national classification and IPC H04Q9/04		
Applicant KONINKLIJKE KPN N.V. et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 8 sheets, including this cover sheet.

- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☒ Certain observations on the international application

Date of submission of the demand  28/09/1999	Date of completion of this report  02.06.2000
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer  Aullo Navarro, A  Telephone No. +49 89 2399 2267 



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/IB99/00702

## I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

### Description, pages:

1-10 as originally filed

### Claims, No.:

1-10 as originally filed

### Drawings, sheets:

1/2-2/2 as originally filed

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:
- ☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/IB99/00702

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. Statement

Novelty (N)	Yes:	Claims	1-10
	No:	Claims	
Inventive step (IS)	Yes:	Claims	9
	No:	Claims	1-8, 10
Industrial applicability (IA)	Yes:	Claims	1-10
	No:	Claims	

### 2. Citations and explanations

**see separate sheet**

## VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

**see separate sheet**

## VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**see separate sheet**

**V. Statement under Article 35(2) PCT:**

Reference is made to the following documents:

D1: EP-A-0 529 269 (IBM) 3 March 1993 (1993-03-03)

D2: US-A-5 297 144 (GILBERT SHELDON L ET AL) 22 March 1994  
(1994-03-22) cited in the application

1. It is not clear what technical contribution over the prior art represented by D1 or D2 (see the passages cited in the International Search Report, as well as the drawings) has been made by the present independent Claims 1 and 10. In this respect, D2 already discloses, in addition to the features in the preamble of Claims 1 and 10, the feature relating to the transmitter deactivation in response to the absence of a selection message for that first station during a selection time slot (column 10, line 61 - column 11, line 14). These features are also disclosed in D1 (column 7, line 52 - column 8, line 18). Both documents are concerned with the problem of an efficient battery power management and provide a solution based on the same essential features as the application (deactivation of circuit parts not to be used in idle periods).

The actual technical problem that could be identified in the arrangement known from D2 is the fact that a reservation time slot must be present in the time window for each first station.

However, this problem is already solved in D1 with the transmission in a single selection time slot ("indexing message in the header sections") of the selection messages (in the form of a list, RLIST or TLIST), according to the corresponding features of Claims 1 and 10.

Thus, the essential features of Claims 1 and 10 are already anticipated by the disclosure of D1. The subject-matter of Claims 1 and 10 hence lacks an inventive step (Article 33(3) PCT).

Even if the non-explicit disclosure of a synchronisation time slot in D1 (regarded as implicit in the function of the headers) could be argued, the subject-matter of Claims 1 and 10 would still lack an inventive step in respect of an obvious combination the teachings of D1 and D2, since a skilled person, facing the problem of optimising the time window duration present in D2 due to the need to have one selection time slot per first station, would readily recognise a solution in the transmission of the selection messages (e.g.; as a list) during a single selection time slot according to D1, and would find no difficulty when implementing that solution in the arrangement known from D2 as a normal exercise of professional competence, thus arriving at the subject-matter of Claims 1 and 10 without employing an inventive skill.

In such a case, the subject-matter of Claims 1 and 10 would lack an inventive step (Article 33(3) PCT) in respect of D1 and D2 in combination.

2. Arguments based on features "not explicitly expressed" in the claims cannot be accepted in support of a possible inventive step of the claimed subject-matter, especially if they are based on vague assumptions about the fact that, in that respect, "at least" some of the features in the claims "was meant to be", while others "preferably also". Only what is explicitly mentioned in the claims has a limiting character on the scope of protection conferred and defines the subject-matter in terms of technical features.

That the choice of the terms in the claims may have derived from a deficient translation of a single word, should have not represented an obstacle to the possibility of amending the wording of the claims based on suitable, clearer expressions taken e.g. from the description.

Moreover, some of the arguments submitted (e.g., that communication is enabled "without a first and a second station having been in contact with each other") are in contradiction with the actual subject-matter of the claims (e.g., the feature relating to the transmission of a synchronisation message from the second station to the first station, prior to the transmissions involving data), so that their technical relevance within the context of the present application is questionable.

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/IB99/00702

Therefore, examination is only possible on the basis of the subject-matter of the claims, represented by the combination of their technical features giving them the meaning they have according to the way they are formulated. Since no amendments have been effected on the claims, the objections in the above paragraph 1 have to be maintained.

3. Moreover, the features in the dependent Claims 2 to 8 do not add anything of inventive significance to the subject-matter of Claim 1, since they represent further implementation details which would fall within the normal competence of a skilled person, or would become apparent to that person following from the teachings of the cited documents.
4. It appears, however, that the additional features in present dependent Claim 9 could, if they had been added to the present independent claims, have represented a difference bearing a technical significance (the technical effect of adjusting "the duration of each time window to the number of first stations to be selected, i.e. the amount of data to be transmitted", such that the power management can be further optimised) which is not regarded as derivable from the teachings of the cited documents.

If corresponding independent claims, including the above-mentioned special technical features, had been filed in the course of this Preliminary Examination, then an inventive step could have been acknowledged and the present application could have been found to meet the requirements of Article 33(1)-(4) PCT.

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**VII. Certain defects:**

1. The opening part of the description should have been modified to bring it into agreement with the amended independent claims that should have been filed (Rule 5.1(a)(iii) PCT). Particular attention should have been paid to avoiding any reference to "the invention" or to "embodiments" thereof in parts of the description not falling within the scope of the claims to be filed.

2. In addition to D2, the cited document D1 should have been acknowledged and briefly discussed in the opening part of the description (Rule 5.1(a)(ii) PCT), so as to put the invention into the proper perspective.

Following from the disclosure of D1, the statement of problem in the introductory part of the description should have been revised in such a way that the problems existing in the arrangement known from D1 had become apparent to the reader, as well as to have clearly indicated where the technical contribution associated with the application lies (PCT Guidelines, II-4.4 and II-4.6).

3. The Applicant's requests to amend the application cannot be adopted by the Examiner, in view of the fact that the PCT requires that "amendments to the claims, the description and the drawings must be made by filing replacement sheets" (Rule 66.8(a) PCT and PCT Guidelines VI-7.2) and that "the applicant must submit [any] such sheet in typed form" (PCT Guidelines VI-7.4).
- 

#### **VIII. Certain observations:**

1. The present independent Claims 1 and 10 do not meet the requirement following from Article 6 PCT taken in combination with Rule 6(3)(b) PCT that any independent claim must contain all the technical features essential to the invention.
  - 1.1 In this respect, it is clear from the description (e.g., page 7, lines 22-23) that the characterising feature relating to the transmission of the selection messages should refer to both their transmission in a single selection time slot (as currently claimed in Claim 1) and to the fact that they are transmitted consecutively (as claimed in Claim 10). Thus, both features should have been present in any independent claim representing the invention.
  - 1.2 Moreover, the preamble of Claim 10 lacks the references to the respective time slots (synchronisation, selection, response) associated with each phase of the transmission, in correspondence with the steps in the preamble of Claim 1.

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

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International application No. PCT/IB99/00702

- 1.3 The above-mentioned features should be thus considered as essential to the definition and performance of the invention (PCT Guidelines III-4.1, III-4.3 and III-4.4), and as such, they should have been included in any independent claim.
2. In view of the above objection, it is considered that the system independent claim that should have been filed, should have hence included the same feature combination as the amended Claim 1 that should have been filed (for the sake of consistency), but drafted in terms of system features (i.e., by associating the functional features in the method claim to the corresponding system parts).
3. The general statement in the last paragraph of the description (page 10, lines 15-18), suggesting that the extent of protection may be expanded in some vague and not precisely defined way, is not clear, and when used to interpret the claims, the statement renders them also unclear, contrary to Article 6 PCT (cf. also PCT Guidelines III-4.3a). This statement should have therefore been deleted (or at least the passage in lines 15-16 from "the invention ..." to "...shown, and that" should have been deleted and the clause "as defined by the appended claims" should have been added at the end of line 18).

The demand must be filed directly with the competent International Preliminary Examining Authority if two or more Authorities are competent, with the one chosen by the applicant. The name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ IB

# PCT

## CHAPTER II

### DEMAND

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA		Date of receipt of DEMAND	
<b>Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>		Applicant's or agent's file reference <b>402492W0</b>	
International application No. <b>PCT/IB99/00702</b>	International filing date (day/month/year) <b>10 March 1999 (10.03.99)</b>	(Earliest) Priority date (day/month/year) <b>10 March 1998 (10.03.98)</b>	
Title of invention <b>Method and system for transmitting data.</b>			
<b>Box No. II APPLICANT(S)</b>			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  <b>Koninklijke KPN N.V. 7 Stationsplein 9726 AE GRONINGEN The Netherlands</b>		Telephone No.: <b>+31 70 3323678</b> Facsimile No.: <b>+31 70 3323840</b> Teleprinter No.:	
State (that is, country) of nationality: <b>NL</b>		State (that is, country) of residence: <b>NL</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  <b>PIETERSE, Rob Verbenalaan 1 2111 ZL AERDENHOUT The Netherlands</b>			
State (that is, country) of nationality: <b>NL</b>		State (that is, country) of residence: <b>NL</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)  <b>DE LEEUW, Edo Mark Alexander Asterstraat 31 3551 SW UTRECHT The Netherlands</b>			
State (that is, country) of nationality: <b>NL</b>		State (that is, country) of residence: <b>NL</b>	
<input checked="" type="checkbox"/> Further applicants are indicated on a continuation sheet.			



## Continuation of Box No. II APPLICANT(S)

*If none of the following sub-boxes is used, this sheet should not be included in the demand.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

VAN DER PUT, Ronald Robertus Gerardus Laurentius  
Hoekmanstraat 26  
1315 JN ALMERE  
The Netherlands

State (that is, country) of nationality:  
NL

State (that is, country) of residence:  
NL

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

State (that is, country) of nationality:

State (that is, country) of residence:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

State (that is, country) of nationality:

State (that is, country) of residence:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

State (that is, country) of nationality:

State (that is, country) of residence:

☐ Further applicants are indicated on another continuation sheet.

**Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**The following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: *(Family name followed by given name; for a legal entity, full official designation.  
The address must include postal code and name of country.)*

KLEIN, Bart  
 Koninklijke KPN N.V.  
 P.O. BOX 95321  
 2509 CH THE HAGUE  
 The Netherlands

Telephone No.:

+31 70 3323678

Facsimile No.:

+31 70 3323840

Teleprinter No.:

☐ **Address for correspondence:** Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:\***

1. The applicant wishes the international preliminary examination to start on the basis of:

☒ the international application as originally filed

the description ☒ as originally filed  
☐ as amended under Article 34

the claims ☒ as originally filed  
☐ as amended under Article 19 (together with any accompanying statement)  
☐ as amended under Article 34

the drawings ☒ as originally filed  
☐ as amended under Article 34

2. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69.1(d)). *(This check-box may be marked only where the time limit under Article 19 has not yet expired.)*

\* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: English☒ which is the language in which the international application was filed.☐ which is the language of a translation furnished for the purposes of international search.☐ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**The applicant hereby elects all eligible States *(that is, all States which have been designated and which are bound by Chapter II of the PCT)*

excluding the following States which the applicant wishes not to elect:

## PCT

## FEE CALCULATION SHEET

## Annex to the Demand for international preliminary examination

International application No. <b>PCT/IB99/00702</b>	For International Preliminary Examining Authority use only	
Applicant's or agent's file reference <b>402492W0</b>	Date stamp of the IPEA	
Applicant  <div style="text-align: center; font-weight: bold;">Koninklijke KPN N.V.</div>		
<b>Calculation of prescribed fees</b>		
1. Preliminary examination fee .....	<b>EUR 1533</b>	<b>P</b>
2. Handling fee ( <i>Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee.</i> ) .....	<b>EUR 148</b>	<b>H</b>
3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box .....	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>EUR 1681</b>  <b>TOTAL</b> </div>	
<b>Mode of Payment</b>		
<input checked="" type="checkbox"/> authorization to charge deposit account with the IPEA (see below)	<input type="checkbox"/> cash	
<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps	
<input type="checkbox"/> postal money order	<input type="checkbox"/> coupons	
<input type="checkbox"/> bank draft	<input type="checkbox"/> other (specify):	
<b>Deposit Account Authorization</b> ( <i>this mode of payment may not be available at all IPEAs</i> )		
The IPEA/ <u>IB</u> <input checked="" type="checkbox"/> is hereby authorized to charge the total fees indicated above to my deposit account.		
<input checked="" type="checkbox"/> ( <i>this check-box may be marked only if the conditions for deposit accounts of the IPEA so permit</i> ) is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.		
WIPO: 12071	23 September 1999	Signature <b>Bart KLEIN</b>
Deposit Account Number	Date (day/month/year)	

**Box No. VI CHECK LIST**

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- |  |   |        |
|--|---|--------|
| 1. translation of international application                              | : | sheets |
| 2. amendments under Article 34   | : | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19  | : | sheets |
| 5. letter  | : | sheets |
| 6. other ( <i>specify</i> )  | : | sheets |

For International Preliminary Examining Authority use only

received                      not received

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> fee calculation sheet  | 4. <input type="checkbox"/> statement explaining lack of signature                                  |
| 2. <input checked="" type="checkbox"/> separate signed power of attorney                            | 5. <input type="checkbox"/> nucleotide and or amino acid sequence listing in computer readable form |
| 3. <input checked="" type="checkbox"/> copy of general power of attorney; reference number, if any: | 6. <input type="checkbox"/> other ( <i>specify</i> ):   |

**Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).



Bart KLEIN

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. ☐ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.

☐ The applicant has been informed accordingly.

4. ☐ The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5.

5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

KONINKLIJKE KPN N.V.  
7 Stationsplein  
9726 AE GRONINGEN  
The Netherlands

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

KLEIN Bart  
c/o KONINKLIJKE KPN N.V.  
P.O. BOX 95321  
2509 CH THE HAGUE  
The Netherlands

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** Method and system for transmitting data.

**Applicant's or agent's file reference:** 402492W0

**International application number (if already available):** PCT/IB99/00702

filed with the following Office WIPO as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):



Klein, Bart

Date: 23 September 1999

The undersigned, W. Dik, chairman of the Board of Management and CEO of Koninklijke KPN N.V. (KPN), established and with its registered offices at Groningen, and as such legally authorised to represent the company in all matters concerning intellectual property rights including the right to authorise and to revoke authorization of agents

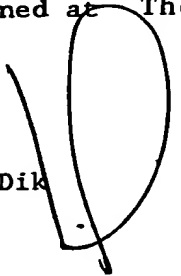
hereby grants power of attorney to:

B. Klein

to represent KPN in all matters concerning intellectual property rights including the right to authorise and to revoke authorization of agents.

Signed at The Hague, on July 9, 1998

W. Dik

A large, stylized handwritten signature, likely of W. Dik, is written over the text "Signed at" and extends upwards and to the right.

**SAMENWERKINGSVERDRAG (PCT)  
RAPPORT BETREFFEND  
NIEUWHEIDSONDERZOEK VAN INTERNATIONAAL TYPE**

IDENTIFIKATIE VAN DE NATIONALE AANVRAGE	Kenmerk van de aanvrager of van de gemachtigde 985073/RBE/eko						
Nederlandse aanvraag nr. 1008548	Indieningsdatum 10 maart 1998						
	Ingeroepen voorrangsdatum						
Aanvrager (Naam) KON. PTT NEDERLAND N.V.							
Datum van het verzoek voor een onderzoek van internationaal type --	Door de instantie voor Internationaal Onderzoek (ISA) aan het verzoek voor een onderzoek van internationaal type toegekend nr. SN 30989 NL						
<b>I. CLASSIFICATIE VAN HET ONDERWERP</b> (bij toepassing van verschillende classificaties, alle classificatiesymbolen opgeven) Volgens de internationale classificatie (IPC)  Int.Cl. <sup>6</sup> : H 04 L 12/403							
<b>II. ONDERZOCHE GEBIEDEN VAN DE TECHNIEK</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th colspan="2" style="text-align: center;">Onderzochte minimum documentatie</th> </tr> <tr> <th style="width: 30%;">Classificatiesysteem</th> <th>Classificatiesymbolen</th> </tr> <tr> <td style="height: 150px; vertical-align: top;">Int.Cl.<sup>6</sup>:</td> <td style="vertical-align: top;">H 04 L, H 04 Q</td> </tr> </table>		Onderzochte minimum documentatie		Classificatiesysteem	Classificatiesymbolen	Int.Cl. <sup>6</sup> :	H 04 L, H 04 Q
Onderzochte minimum documentatie							
Classificatiesysteem	Classificatiesymbolen						
Int.Cl. <sup>6</sup> :	H 04 L, H 04 Q						
Onderzochte andere documentatie dan de minimum documentatie voor zover dergelijke documenten in de onderzochte gebieden zijn opgenomen  <div style="height: 150px;"></div>							
III. <input type="checkbox"/> GEEN ONDERZOEK MOGELIJK VOOR BEPAALDE CONCLUSIES (opmerkingen op aanvullingsblad)							
IV. <input type="checkbox"/> GEBREK AAN EENHEID VAN UITVINDING (opmerkingen op aanvullingsblad)							

VERSLAG VAN HET NIEUWHEIDSONDERZOEK VAN  
INTERNATIONAAL TYPE

Nummer van het verzoek om een nieuwheidsonderzoek

1008548

A. CLASSIFICATIE VAN HET ONDERWERP  
IPC 6 H04L12/403

Volgens de Internationale Classificatie van octrooien (IPC) of zowel volgens de nationale classificatie als volgens de IPC.

B. ONDERZOCHETE GEBIEDEN VAN DE TECHNIEK

Onderzochte minimum documentatie (classificatie gevolgd door classificatiesymbolen)

IPC 6 H04L H04Q

Onderzochte andere documentatie dan de minimum documentatie, voor dergelijke documenten, voor zover dergelijke documenten in de onderzochte gebieden zijn opgenomen

Tijdens het internationaal nieuwheidsonderzoek geraadpleegde elektronische gegevensbestanden (naam van de gegevensbestanden en, waar uitvoerbaar, gebruikte trefwoorden)

C. VAN BELANG GEACHTE DOCUMENTEN

Categorie *	Geciteerde documenten, eventueel met aanduiding van speciaal van belang zijnde passages	Van belang voor conclusie nr.
X	① US 5 297 144 A (GILBERT SHELDON L ET AL) 22 Maart 1994 zie het gehele document ---	1-5, 9, 13-17, 20-22
X	② US 4 466 001 A (MOORE MORRIS A ET AL) 14 Augustus 1984 zie het gehele document ---	1-9
X	③ EP 0 495 600 A (NIPPON ELECTRIC CO) 22 Juli 1992 zie het gehele document ---	1
A	④ US 4 251 865 A (MOORE MORRIS A ET AL) 17 Februari 1981 zie het gehele document --- -/--	1, 9, 13

☒ Verdere documenten worden vermeld in het vervolg van vak C.

☒ Leden van dezelfde octroofamilie zijn vermeld in een bijlage

\* Speciale categorieën van aangehaalde documenten

- "A" document dat de algemenestand van de techniek weergeeft, maar niet beschouwd wordt als zijnde van bijzonder belang  
"E" eerder document, maar gepubliceerd op de datum van indiening of daarna  
"L" document dat het beroep op een recht van voorrang aan twijfel onderhevig maakt of dat aangehaald wordt om de publikatiedatum van een andere aanhaling vast te stellen of om een andere reden zoals aangegeven  
"O" document dat betrekking heeft op een mondelinge uiteenzetting, een gebruik, een tentoonstelling of een ander middel  
"P" document gepubliceerd voor de datum van indiening maar na de ingeroepen datum van voorrang

- "T" later document, gepubliceerd na de datum van indiening of datum van voorrang en niet in strijd met de aanvraag, maar aangehaald ter verduidelijking van het principe of de theorie die aan de uitvinding ten grondslag ligt  
"X" document van bijzonder belang; de uitvinding waarvoor uitsluitende rechten worden aangevraagd kan niet als nieuw worden beschouwd of kan niet worden beschouwd op inventiviteit te berusten  
"Y" document van bijzonder belang; de uitvinding waarvoor uitsluitende rechten worden aangevraagd kan niet worden beschouwd als inventief wanneer het document beschouwd wordt in combinatie met één of meerdere soortgelijke documenten, en deze combinatie voor een deskundige voor de hand ligt  
"&" document dat deel uitmaakt van dezelfde octroofamilie

Datum waarop het nieuwheidsonderzoek van internationaal type werd voltooid

4 November 1998

Verzenddatum van het rapport van het nieuwheidsonderzoek van internationaal type

Naam en adres van de instantie

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

De bevoegde ambtenaar

Janyszek, J-M



VERSLAG VAN HET NIEUWHEIDSONDERZOEK VAN  
INTERNATIONAL TYPE

Nummer van het verzoek om een nieuwheidsonderzoek

1008548

C.(Vervolg). VAN BELANG GEACHTE DOCUMENTEN

Categorie	Geciteerde documenten, eventueel metaanduiding van speciaal van belang zijnde passages	Van belang voor conclusie nr.
A	⑤ EP 0 529 269 A (IBM) 3 Maart 1993 zie kolom 6, regel 10 - kolom 7, regel 22 ---	1
A	⑥ US 5 577 043 A (GUO EILEEN J ET AL) 19 November 1996 zie het gehele document -----	1

VERSLAG VAN HET NIEUWHEIDSONDERZOEK VAN

INTERNATIONAAL TYPE

Informatie over leden van de octrooifamilie

Nummer van het verzoek om een nieuwheidsonderzoek

NL 1008548

In het rapport genoemd octrooigeschrift		Datum van publicatie	Overeenkomend(e) geschrift(en)	Datum van publicatie
US 5297144	A	22-03-1994	GEEN	
US 4466001	A	14-08-1984	GEEN	
EP 0495600	A	22-07-1992	JP 4241533 A	28-08-1992
			AU 641302 B	16-09-1993
			AU 1019392 A	16-07-1992
			CA 2059239 A	15-07-1992
			DE 69209669 D	15-05-1996
			DE 69209669 T	28-11-1996
US 4251865	A	17-02-1981	AU 526710 B	27-01-1983
			AU 5237079 A	12-06-1980
			CA 1123491 A	11-05-1982
			EP 0012502 A	25-06-1980
			JP 1242896 C	14-12-1984
			JP 55080947 A	18-06-1980
			JP 59020216 B	11-05-1984
EP 0529269	A	03-03-1993	US 5241542 A	31-08-1993
			JP 2047961 C	25-04-1996
			JP 5207020 A	13-08-1993
			JP 7083362 B	06-09-1995
US 5577043	A	19-11-1996	CN 1135818 A	13-11-1996
			GB 2299733 A	09-10-1996
			JP 9507013 T	08-07-1997
			WO 9609702 A	28-03-1996